#5/19/02

PATENT 00853

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Fedder et al.

Group Art Unit

Examiner

Serial No.

Filed:

MICROMACHINED INFRARED

SENSITIVE PIXEL AND INFRARED

IMAGER INCLUDING SAME

INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222

November 19, 2001

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Applicants, in accordance with their duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advise the United States Patent and Trademark Office of the references listed on the accompanying form PTO-1449 *Information Disclosure Citation*. A copy of each of the cited references is herewith enclosed.

Applicants note that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information*

Attorney Docket No. 00853

Disclosure Statement "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Respectfully submitted,

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket No. 00853	Serial No. 014 . 8. U. 8
(Use several sheets if necessary)	Applicant Fedder et al.	
	Filing Date	Group

U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue Date	Patentee	Class	Sub- Class	Filing Date
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	4,902,895	Feb. 20, 1990	Hanson			
	4,967,082	Oct. 30, 1990	Cooke et al.			
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	Flannery et al., "Status of uncooled infrared imagers," <i>Infrared Imaging Systems</i> , SPIE Vol. 1689, pp. 379-395, 1992.
	Jensen, "Limitations to Room Temperature IR Imaging Systems," <i>Infrared Technology XIX</i> , SPIE Vol. 2020, pp. 340-350, 1993.
	Amantea et al., "An Uncooled IR Imager with 5 mK NEDT," SPIE Vol. 3061, pp. 210-222, 1997.
	Radford et al., "Microbolometer Uncooled Infrared Camera With 20 mK NETD," SPIE Conf. on Infrared Technology and Applications XXIV, SPIE Vol. 3436, pp. 636-646, July 1998.
	Cole et al., "Monolithic Two-Dimensional Arrays of Micromachined Microstructures for Infrared Applications," <i>Proceedings of the IEEE</i> , Vol. 86, No. 8, pp. 1679-1686, August 1998.
	Liu et al., "A CMOS Uncooled Heat-Balancing Infrared Imager," <i>IEEE Journal of Solid State Circuits</i> , Vol. 35, No. 4, pp. 527-535, April 2000.
Examiner	Date Considered
EXAMINER: Initial citation consider to applicant.	ered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

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